

D-20743-1

AMENDED SPECIFICATION

In the paragraph bridging pages 6-7:

~~Pending U.S. Patent Application Serial No. 08/784,175~~ US Patent 6,183,709, assigned to the owner of the present invention, the disclosure of which is incorporated herein, discloses oxygen-selective adsorbent compositions which utilize intermolecular coordination to generate porosity. That invention involves TECs having up to four intramolecular donor ligands coordinated with a transition element ion, wherein the ligands provide a fifth donor site to intermolecularly bond to a second transition element ion contained in a second discrete TEC. These compositions exhibit high oxygen loadings and oxygen half saturation pressures which are suitable for gas separation. In the examples described therein, the structures contain five donors: four donors for intramolecular coordination to the primary metallic center, and one donor for intermolecular coordination with the metal of a second discrete TEC structure. The resultant porosity from this intermolecular coordination offers improved oxygen adsorption characteristics as compared with cyanocobaltate materials of the prior art.

On page 22, the structure of the tetracarbonyl radical is deleted and replaced with the following:

